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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: August 30, 2004

GARTH M. MEYER

Serial No.: 10/734,320

Group Art Unit: 3747

Filed : December 12, 2003

For : CYLINDER EVENT BASED SPARK

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

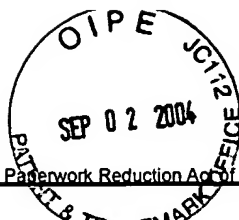
S i r :

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 forms. The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) 2 pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the forms. However, because this application was filed on or after July 1, 2003, no



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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/734,320	
	Filing Date	December 12, 2003	
	First Named Inventor	Garth M. Meyer	
	Art Unit	3747	
	Examiner Name		
Total Number of Pages in This Submission	7+	Attorney Docket Number	81096975

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	- PTO-1449 Form
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	- Copies of Foreign References
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	John D. Russell, Registration No. 47,048 Kelison Hartwell P.C.
Signature	
Date	August 30, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Lauren Barberena		
Signature		Date	August 30, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

copies of U.S. patents or published U.S. patent applications are included.

FOREIGN-LANGUAGE REFERENCES

A concise explanation of the relevance of each listed reference not in the English language follows:

Japanese Patent No. 2001248490: This patent purports to disclose a method to quickly synchronize an internal combustion engine when the engine is started.

A four-stroke internal combustion engine 1 has a plurality of cylinders 11-14 having pistons I-IV connected with a crankshaft 36, means 32-34 for imparting a series of pulses in each engine cycle and an engine control system 10. The engine control system 10 has a memory 44 and means 10, 29, 32 for judging the engine cycles after the engine 1 is cranked and a means 9 for counting the series of pulses till the engine 1 is stopped to judge the engine cycles when the engine 1 is stopped afterwards so as to store data showing the engine cycles into the memory 44. From a certain point of view, the means 10, 29, 32 for judging the engine cycles after the engine 1 is cranked are means for judging the engine cycles during the operation of the engine 1. From an another point of view, the means 10, 29, 32 for judging the engine cycles after the engine 1 is cranked includes the memory 44 storing data showing the engine cycles before the engine 1 is cranked.

Japanese Patent No. 09250380: This patent purports to disclose a method to properly perform fuel infection to each cylinder to thereby improve start-up performance by allowing all cylinders to perform fuel injection simultaneously when determination of cylinder is not made upon start-up, and determining a cylinder to which fuel is injected as a transient method according to the number of reference signals from an initial reference signal.

Determination 102 of cylinder is carried out according to a reference (REF) signal to be output at the time of specified angle of each cylinder in synchronization with a crank angle when a starting time is determined according to a signal of start switch and the like, and the number of REF signals from an initial REF signal to an initial cylinder determinable REF signal is counted. When the determination of cylinder at the start-up can not be made, a timing for performing fuel ignition in all the cylinders simultaneously after the initial REF signal, is set 104. At the time of initial cylinder determination REF signal, the cylinder of injecting fuel according to the REF number from the initial REF signal and timing are set 105. After the subsequent cylinder determination, transfer to a normal sequential injection is carried out and the injection cylinder and timing are set 106.

TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

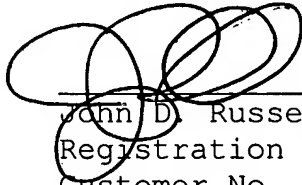
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on August 30, 2004.


Lauren Barberena

Respectfully submitted,

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SHEET 1 OF 2

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER 81096975		APPLICATION NUMBER 10/734,320		
		APPLICANT(S) Garth Michael Meyer				
		FILING DATE December 12, 2003		GROUP ART UNIT 3747		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,787,354	11-29-1988	Wilens et al			
	5,056,308	10-15-1991	Kume et al			
	5,123,390	6-23-1992	Okuda			
	5,168,701	12-8-1992	Yamamoto et al			
	5,215,062	6-1-1993	Asano et al			
	5,684,757	11-4-1997	Eitrich			
	5,690,075	11-25-1997	Tanaka et al			
	5,738,074	4-14-1998	Nakamura et al			
	5,778,857	7-14-1998	Nakamura			
	5,954,025	9-21-99	Kanamaru et al			
	6,035,826	3-14-2000	Matsuoka			
	6,223,121	4-24-2001	Ishida et al			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	2001248490	9-14-01	JP			Abstract only
	09250380	9-22-97	JP			Abstract only
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

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		APPLICANT(S) Garth Michael Meyer		
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,223,730	5-1-2001	Hasegawa et al			
	6,374,801	4-23-2002	Hausmann et al			
	6,631,708	10-14-2003	Russell et al			
	2002/0026925	3-7-02	Yuya			
	2003/0075152	4-24-2003	Joos et al			
	2004/0055368	3-25-2004	Sebastian et al			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	

OTHER DOCUMENTS	

EXAMINER	DATE CONSIDERED
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